

REMARKS

Claims 1 – 24 are pending in this application. Claims 1, 10, 19 and 20 have been amended. Claims 7 and 15 have been cancelled. Reexamination and reconsideration are respectfully requested.

The Examiner rejected Claims 1-4 and 6-24 under 35 U.S.C. 103 as being obvious over the combination of Hsien and Klein. This rejection is respectfully traversed.

The Hsien reference and Klein references have been discussed previously. As noted before the Hsien reference employs RF transmission and Klein employs capacitive coupling. The Examiner stated that it would be obvious to combine Hsien and Klein to arrive at the present invention as claimed. However, the independent claims have been amended without prejudice to incorporate and clarify limitations previously in dependent claims 7 and 15. All independent claims now recite that the reader has a shared antenna for receiving signals from both the tag and input device (mouse or keyboard). The combination of Hsien and Klein could not employ a shared antenna since a capacitively coupled system such as in Klein could simply not employ an RF antenna such as in Hsien. In previously rejecting the dependent claims 7 and 15, the Examiner referenced Hsien, col. 7, l. 15 – 55 dealing with different RF frequencies. But that discussion does not in any way alter the fact that such an RF antenna even though it could receive different frequencies could not be used for capacitive coupling. Therefore, assuming purely arguendo one skilled in the art would even attempt to combine the two references the combination would have to use separate antennas. To the extent the Examiner wishes to maintain the rejection, it is respectfully submitted

such rejection would require an explanation of how a RF antenna such as Hsien could operate to detect capacitive coupled tags as in Klein.

Accordingly, it is respectfully submitted the rejection over Hsien and Klein is fully traversed.

In view of the deficiencies of the two base references to disclose claim 1, it is respectfully submitted the three way rejection of dependent claim 5 in view of Hsien and Klein and Liu is also fully traversed.

In view of the foregoing, it is respectfully submitted that the application is in condition for allowance and a Notice of Allowance is respectfully requested. It is requested that the Examiner telephone the undersigned Applicant if it appears that any impediment remains to allowance of the application.

Respectfully submitted,

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